

Title (en)

Apparatus for facilitating maintenance of a pool cleaning device

Title (de)

Vorrichtung zur Erleichterung der Wartung einer Schwimmbeckenreinigungsvorrichtung

Title (fr)

Appareil pour faciliter la maintenance d'un dispositif de nettoyage de bassins

Publication

EP 2163711 A2 20100317 (EN)

Application

EP 09167828 A 20090813

Priority

US 21172008 A 20080916

Abstract (en)

Advantageous apparatus, are provided for facilitating maintenance of a automated pool cleaning device. More particularly, an improved automated pool cleaning device is provided, according to the present disclosure. The device, generally, includes a facially accessible quick-release roller assembly, a bucket-type filter assembly, and a windowed top access lid assembly. The improved roller assembly and filter assembly are easily accessible for maintenance purposes. Furthermore, the windowed lid assembly provides visual feedback as to when the filter assembly needs to be cleaned.

IPC 8 full level

E04H 4/16 (2006.01)

CPC (source: EP US)

E04H 4/1654 (2013.01 - EP US)

Citation (applicant)

- US 6409916 B1 20020625 - ZELAS SHIMON [IL], et al
- US 7118632 B2 20061010 - SUMONTHEE JIRAWAT [US]

Cited by

FR3012500A1; AU2011101771B4; EP2743429A1; CN103867000A; US10227081B2; US9657488B2; US9909333B2; US10214933B2; WO2015059424A1; WO2012001472A1; US9611668B2; US10189490B2; US9885194B1; US10767382B2; US9885196B2; US9896858B1; US10156083B2; US10253517B2; US10557278B2; US11236523B2

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DOCDB simple family (publication)

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DOCDB simple family (application)

EP 09167828 A 20090813; AU 2009208080 A 20090811; CA 2674840 A 20090806; ES 09167828 T 20090813; US 201113213514 A 20110819; US 201213722112 A 20121220; US 21172008 A 20080916